

* * * * * Welcome to STN International * * * * *

<u>NEWS 1</u>		Web Page URLs for STN Seminar Schedule - N. America
<u>NEWS 2</u>	Apr 08	"Ask CAS" for self-help around the clock
<u>NEWS 3</u>	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
<u>NEWS 4</u>	Apr 09	ZDB will be removed from STN
<u>NEWS 5</u>	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUIDB
<u>NEWS 6</u>	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
<u>NEWS 7</u>	Apr 22	BIOSIS Gene Names now available in TOXCENTER
<u>NEWS 8</u>	Apr 22	Federal Research in Progress (FEDRIP) now available
<u>NEWS 9</u>	Jun 03	New e-mail delivery for search results now available
<u>NEWS 10</u>	Jun 10	MEDLINE Reload
<u>NEWS 11</u>	Jun 10	PCTFULL has been reloaded
<u>NEWS 12</u>	Jul 02	FOREGE no longer contains STANDARDS file segment
<u>NEWS 13</u>	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
<u>NEWS 14</u>	Jul 29	Enhanced polymer searching in REGISTRY
<u>NEWS 15</u>	Jul 30	NETFIRST to be removed from STN
<u>NEWS 16</u>	Aug 08	CANCERLIT reload
<u>NEWS 17</u>	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
<u>NEWS 18</u>	Aug 08	NTIS has been reloaded and enhanced
<u>NEWS 19</u>	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
<u>NEWS 20</u>	Aug 19	IFIPAT, IFICDB, and IFIUIDB have been reloaded
<u>NEWS 21</u>	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
<u>NEWS 22</u>	Aug 26	Sequence searching in REGISTRY enhanced
<u>NEWS 23</u>	Sep 03	JAPIO has been reloaded and enhanced
<u>NEWS 24</u>	Sep 16	Experimental properties added to the REGISTRY file
<u>NEWS 25</u>	Sep 16	CA Section Thesaurus available in CAPLUS and CA
<u>NEWS 26</u>	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
<u>NEWS 27</u>	Oct 21	EVENTLINE has been reloaded
<u>NEWS 28</u>	Oct 24	BEILSTEIN adds new search fields
<u>NEWS 29</u>	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
<u>NEWS 30</u>	Oct 25	MEDLINE SDI run of October 8, 2002
<u>NEWS 31</u>	Nov 18	DKILIT has been renamed APOLLIT
<u>NEWS 32</u>	Nov 25	More calculated properties added to REGISTRY
<u>NEWS 33</u>	Dec 02	TIBKAT will be removed from STN
<u>NEWS 34</u>	Dec 04	CSA files on STN
<u>NEWS 35</u>	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
<u>NEWS 36</u>	Dec 17	TOXCENTER enhanced with additional content
<u>NEWS 37</u>	Dec 17	Adis Clinical Trials Insight now available on STN
<u>NEWS 38</u>	Dec 30	ISMEC no longer available
<u>NEWS 39</u>	Jan 21	NUTRACEUT offering one free connect hour in February 2003
<u>NEWS 40</u>	Jan 21	PHARMAML offering one free connect hour in February 2003
<u>NEWS 41</u>	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
<u>NEWS 42</u>	Feb 13	CANCERLIT is no longer being updated
<u>NEWS 43</u>	Feb 24	METADEX enhancements
<u>NEWS 44</u>	Feb 24	PCTGEN now available on STN
<u>NEWS 45</u>	Feb 24	TEMA now available on STN
<u>NEWS 46</u>	Feb 26	NTIS now allows simultaneous left and right truncation
<u>NEWS 47</u>	Feb 26	PCTFULL now contains images
<u>NEWS 48</u>	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
<u>NEWS 49</u>	Mar 19	APOLLIT offering free connect time in April 2003
<u>NEWS 50</u>	Mar 20	EVENTLINE will be removed from STN
<u>NEWS 51</u>	Mar 24	PATDPAFULL now available on STN
<u>NEWS 52</u>	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
<u>NEWS 53</u>	Mar 24	Indexing from 1957 to 1966 added to records in CA/CAPLUS
<u>NEWS EXPRESS</u>	January 6	CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002
<u>NEWS HOURS</u>		STN Operating Hours Plus Help Desk Availability
<u>NEWS INTER</u>		General Internet Information

NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:10:50 ON 02 APR 2003

=>

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
 Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:11:21 ON 02 APR 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 1 APR 2003 HIGHEST RN 501325-53-7

DICTIONARY FILE UPDATES: 1 APR 2003 HIGHEST RN 501325-53-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

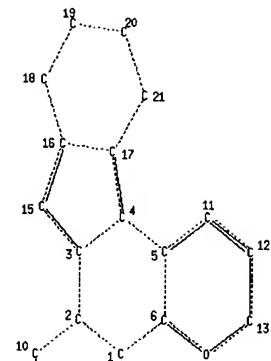
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

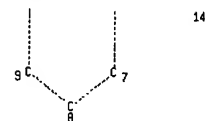
L1 STRUCTURE UPLOADED

=> dis que

L1 STR



Page 1-A



Page 2-A

NODE ATTRIBUTES:

NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
NSPEC	IS R	AT	4
NSPEC	IS R	AT	5
NSPEC	IS R	AT	6
NSPEC	IS R	AT	7
NSPEC	IS R	AT	8
NSPEC	IS R	AT	9
NSPEC	IS R	AT	10
NSPEC	IS R	AT	11
NSPEC	IS R	AT	12
NSPEC	IS R	AT	13
NSPEC	IS R	AT	14
NSPEC	IS R	AT	15
NSPEC	IS R	AT	16
NSPEC	IS R	AT	17
NSPEC	IS R	AT	18
NSPEC	IS R	AT	19
NSPEC	IS R	AT	20
NSPEC	IS R	AT	21

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 21

STEREO ATTRIBUTES: NONE

=> s 11

SAMPLE SEARCH INITIATED 12:12:55 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1784 TO ITERATE

56.1% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 33147 TO 38213
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> search l1

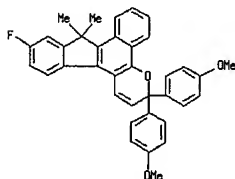
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:.
 ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
 FULL SEARCH INITIATED 12:13:19 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 36732 TO ITERATE

100.0% PROCESSED 36732 ITERATIONS 31 ANSWERS
 SEARCH TIME: 00.00.01

L3 31 SEA SSS FUL L1

=> d 13 1-10

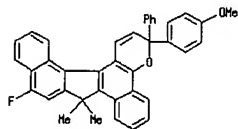
L3 ANSWER 1 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-75-2 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 11-fluoro-3,9-dihydro-3,3-bis(4-methoxyphenyl)-9,9-dimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C36 H29 F O3
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

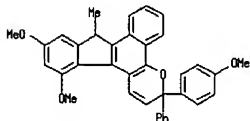
L3 ANSWER 2 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-74-1 REGISTRY
 CN Dibenzo[1,2:5,6]fluoreno[3,4-b]pyran, 13-fluoro-6,15-dihydro-6-(4-methoxyphenyl)-15,15-dimethyl-6-phenyl- (9CI) (CA INDEX NAME)
 MF C39 H29 F O2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

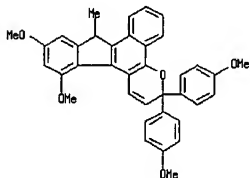
L3 ANSWER 3 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-73-0 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11,13-dimethoxy-3-(4-methoxyphenyl)-9-methyl-3-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C36 H30 O4
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

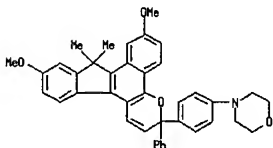
L3 ANSWER 4 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-72-9 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11,13-dimethoxy-3,3-bis(4-methoxyphenyl)-9-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C37 H32 O5
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

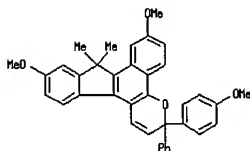
L3 ANSWER 5 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-70-7 REGISTRY
 CN Morpholine, 4-[4-(3,9-dihydro-7,11-dimethoxy-9,9-dimethyl-3-phenylbenzo[1,2]fluoreno[3,4-b]pyran-3-yl)phenyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C40 H37 N O4
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

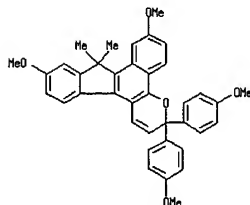
L3 ANSWER 6 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-68-3 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-7,11-dimethoxy-3-(4-methoxyphenyl)-9,9-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C37 H32 O4
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

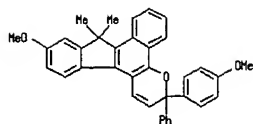
L3 ANSWER 7 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-66-1 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-7,11-dimethoxy-3,3-bis(4-methoxyphenyl)-9,9-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C38 H34 O5
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

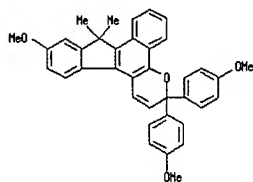
L3 ANSWER 8 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-64-9 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11-methoxy-3-(4-methoxyphenyl)-9,9-dimethyl-3-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C36 H30 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

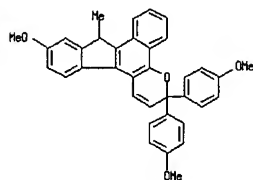
L3 ANSWER 9 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-62-7 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11-methoxy-3,3-bis(4-methoxyphenyl)-9,9-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C37 H32 O4
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 10 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-60-5 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11-methoxy-3,3-bis(4-methoxyphenyl)-9-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C36 H30 O4
SR CA
LC STN Files: CA, CAPLUS

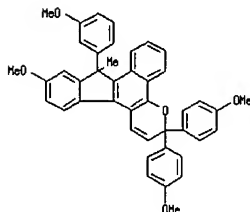


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> d 13 11-20

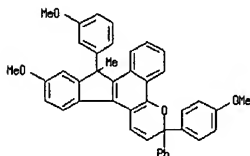
L3 ANSWER 11 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-58-1 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11-methoxy-9-(3-methoxyphenyl)-
 3,3-bis(4-methoxyphenyl)-9-methyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C43 H36 O5
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

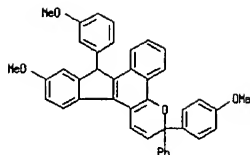
L3 ANSWER 12 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-56-9 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11-methoxy-9-(3-methoxyphenyl)-
 3-(4-methoxyphenyl)-9-methyl-3-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C42 H34 O4
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

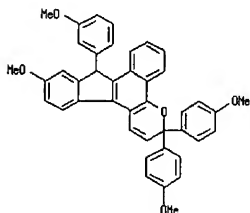
L3 ANSWER 13 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-54-7 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11-methoxy-9-(3-methoxyphenyl)-
 3-(4-methoxyphenyl)-3-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C41 H32 O4
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

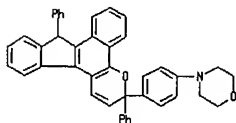
L3 ANSWER 14 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-52-5 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-11-methoxy-9-(3-methoxyphenyl)-3,3-bis(4-methoxyphenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C42 H34 O5
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 15 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-50-3 REGISTRY
CN Morpholine, 4-[4-(3,9-dihydro-3,9-diphenylbenzo[1,2]fluoreno[3,4-b]pyran-3-yl)phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C42 H33 N O2
SR CA
LC STN Files: CA, CAPLUS

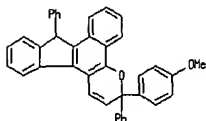


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 16 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 441330-48-9 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-3-(4-methoxyphenyl)-3,9-

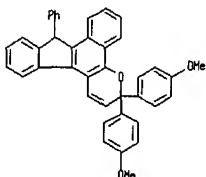
diphenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C39 H28 O2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

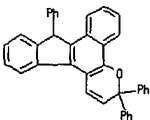
L3 ANSWER 17 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-46-7 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-3,3-bis(4-methoxyphenyl)-9-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C40 H30 O3
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 18 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 441330-45-6 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran, 3,9-dihydro-3,3,9-triphenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C38 H26 O
 SR CA
 LC STN Files: CA, CAPLUS

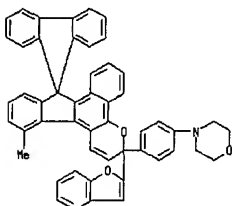


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

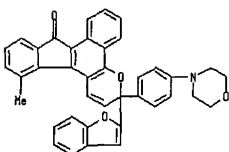
L3 ANSWER 19 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 309724-32-1 REGISTRY
 CN Morpholine, 4-[4-[3-(2-benzofuranyl)-13-methylspiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl]phenyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C51 H37 N O3
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 20 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 309724-31-0 REGISTRY
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 FS 3D CONCORD
 MF C39 H29 N O4
 SR CA
 LC STN Files: CA, CAPLUS

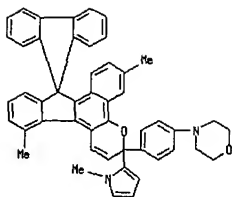


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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=> d 13 21-31

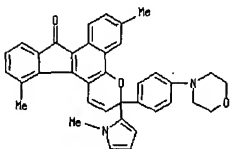
L3 ANSWER 21 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 309724-30-9 REGISTRY
 CN Morpholine, 4-[4-[6,13-dimethyl-3-(1-methyl-1H-pyrrol-2-yl)spiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl]phenyl]- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C49 H40 N2 O2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

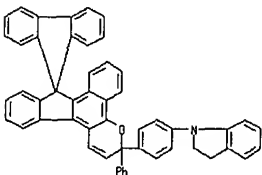
L3 ANSWER 22 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 309724-29-6 REGISTRY
CN Benzo[1,2]fluoreno[3,4-b]pyran-9(3H)-one, 6,13-dimethyl-3-(1-methyl-1H-pyrrol-2-yl)-3-[4-(4-morpholinyl)phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C37 H32 N2 O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

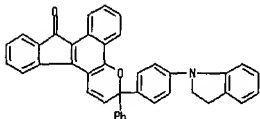
L3 ANSWER 23 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 309724-28-5 REGISTRY
CN 1H-Indole, 1-[4-(3-phenylspiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl)phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C52 H35 N O
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

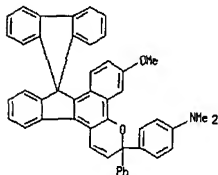
L3 ANSWER 24 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 309724-27-4 REGISTRY
 CN Benzo[1,2]fluoreno[3,4-b]pyran-9(3H)-one, 3-[4-(2,3-dihydro-1H-indol-1-yl)phenyl]-3-phenyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C40 H27 N O2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

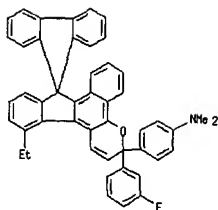
L3 ANSWER 25 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 309724-26-3 REGISTRY
 CN Benzenamine, 4-(6-methoxy-3-phenylspiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl)-N,N-dimethyl- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C47 H35 N O2
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

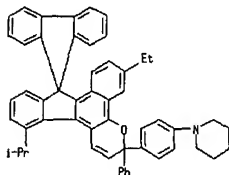
L3 ANSWER 26 OF 31 REGISTRY COPYRIGHT 2003 ACS
 RN 309724-24-1 REGISTRY
 CN Benzenamine, 4-[13-ethyl-3-(3-fluorophenyl)spiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl]-N,N-dimethyl- (9CI) (CA INDEX NAME)
 MF C48 H36 F N O
 SR CA
 LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

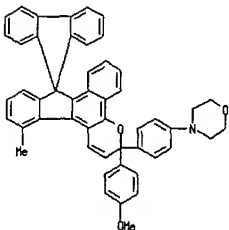
L3 ANSWER 27 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 309724-22-9 REGISTRY
CN Piperidine, 1-[4-[6-ethyl-13-(1-methylethyl)-3-phenylspiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl]phenyl]- (9CI) (CA INDEX NAME)
MF C54 H47 N O
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

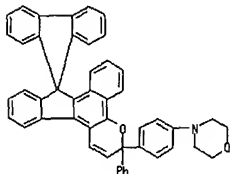
L3 ANSWER 28 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 309724-20-7 REGISTRY
CN Morpholine, 4-[4-[3-(4-methoxyphenyl)-13-methylspiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C50 H39 N O3
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 29 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 309724-18-3 REGISTRY
CN Morpholine, 4-[4-(3-phenylspiro[benzo[1,2]fluoreno[3,4-b]pyran-9(3H),9'-[9H]fluoren]-3-yl)phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C48 H35 N O2
SR CA
LC STN Files: CA, CAPLUS

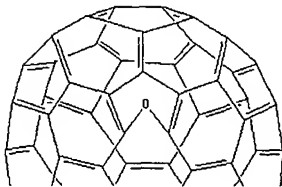


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

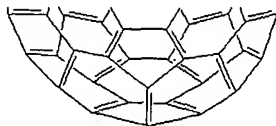
1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 30 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 145536-46-5 REGISTRY
CN 6a-Oxa-1,6(6a)-homo[5,6]fullerene-C70-D5h(6) (9CI) (CA INDEX NAME)
MF C70 O
CI RPS
SR CA
LC STN Files: CA, CAPLUS, CASREACT

PAGE 1-A



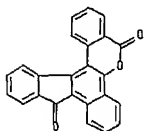
PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1962 TO DATE)
4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 31 OF 31 REGISTRY COPYRIGHT 2003 ACS
RN 120613-48-1 REGISTRY
CN Benzoic acid, o-(5-hydroxy-11-oxo-11H-benzo[a]fluoren-6-yl)-,
δ-lactone (6CI) (CA INDEX NAME)
MF C24 H12 O3
SR CAOLD
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1962 TO DATE)
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> file caplus

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FULL ESTIMATED COST	203.03	203.24

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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 7 L3

=> d 14 1-7

L4 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2003 ACS

Full Text Citing References

AN 2002:521724 CAPLUS
DN 137:95162

TI Photochromic indenonaphthopyran dyes and polymeric compositions containing them
IN Petrovskaja, Olga G.; Kumar, Anil
PA Transitions Optical, Inc., USA
SO PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002053553	A1	20020711	WO 2001-US49313	20011219
	W: AM, AT, BG, BZ, CN, CR, DE, DK, ES, FI, GB, ID, IL, IN, IS, JP, KR, KZ, LU, LV, MG, MK, PL, PT, RU, SD, SI, SK, YU, ZA, RU, TJ, TM				
	RW: GH, GM, ZW, AT, DE, DK, FI, FR, GB, GR, LU, MC, RU, CI, CM, GA, GN, NE, SN, TD, TG				

PRAI US 2000-258973P P 20001229

OS MARPAT 137:95162

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2003 ACS

Full Text / Citing References
AN 2002:344023 CAPLUS
DN 137:78813
TI Ozonides, Epoxides, and Oxidoannulenes of C70
AU Heymann, Dieter; Bachilo, Sergei M.; Weisman, R. Bruce
CS Department of Earth Science and the Department of Chemistry, Rice Quantum Institute and Center for Nanoscale Science and Technology, Rice University, Houston, TX, 77251, USA
SO Journal of the American Chemical Society (2002), 124(22), 6317-6323
CODEN: JACSAT; ISSN: 0002-7863
PB American Chemical Society
DT Journal
LA English
OS CASREACT 137:78813

RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2003 ACS

Full Text / Citing References
AN 2000:833291 CAPLUS
DN 134:23565
TI Photochromic chromene compound
IN Hyakuta, Junji; Komuro, Yasuko
PA Tokuyama Corp., Japan
SO Jpn. Kokai Tokkyo Koho, 14 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 2000327675	A2	20001128	JP 1999-144073	19990524
PRAI	JP 1999-144073		19990524		
OS	MARPAT 134:23565				

L4 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2003 ACS

Full Text / Citing References
AN 1998:95951 CAPLUS
DN 128:248802
TI Theoretical studies of C60/C70 fullerene derivatives: C600 and C700
AU Wang, Bo-Cheng; Chen, Likey; Chou, Yu-Ma
CS Dep. of Chemistry, Tamkang University, Tamsui, 252, Taiwan

SO THEOCHEM (1998), 422, 153-158
 CODEN: THEODJ; ISSN: 0166-1280
 PB Elsevier Science B.V.
 DT Journal
 LA English
 RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2003 ACS

Full Text	Citing References
AN 1993:434644	CAPLUS
DN 119:34644	
TI Fullerene derivatives: structures and stabilities of fullerene oxides (C600 and C700)	
AU Raghavachari, Krishnan	
CS AT and T Bell Lab., Murray Hill, NJ, 07974, USA	
SO International Journal of Modern Physics B: Condensed Matter Physics, Statistical Physics, Applied Physics (1992), 6(23-24), 3821-31	
CODEN: IJPBEV; ISSN: 0217-9792	
DT Journal	
LA English	

L4 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2003 ACS

Full Text	Citing References
AN 1993:67077	CAPLUS
DN 118:67077	
TI Ground state of C70 fullerene oxide (C700): oxygen bridging at the equatorial belt	
AU Raghavachari, Krishnan; Rohlfing, Celeste McMichael	
CS AT and T Bell Lab., Murray Hill, NJ, 07974, USA	
SO Chemical Physics Letters (1992), 197(4-5), 495-8	
CODEN: CHPLBC; ISSN: 0009-2614	
DT Journal	
LA English	

L4 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2003 ACS

Full Text	Citing References
AN 1959:11733	CAPLUS
DN 53:11733	
OREF 53:2183i,2184a-f	
TI Preparation of a substituted 1,2-benzofluorenone: an unusual Perkin reaction	
AU Godfrey, John C.; Barnes, Roderick A.	
CS Rutgers State Univ., New Brunswick, NJ	
SO J. Am. Chem. Soc. (1958), 80, 3902-4	
CODEN: JACSAT; ISSN: 0002-7863	
DT Journal	
LA Unavailable	

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